LABDEX

Automatic Biochemistry Analyzer LX100ABA

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Description

Automatic biochemistry analyzer LX100ABA is a completely automated benchtop chemistry analyzer with a throughput of 200 tests per hour. Designed with expanded on-board testing, reduced sample volume, and simple operation, this is a suitable biochemical analyzer for low to mid-volume hospitals and laboratories worldwide. It has an easy-to-use interface that provides a long-term basis for analytical performance. This system contains standardized test menus, assay methods, instrument operations, and reference ranges, all of which limit operator variation and offer consistent quality results.

Specifications

Throughput	200 Tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic)
Sample Positions	37 sample positions
Reagent Position	28 reagent positions
Sample Volume	2-70μl
Reagent Volume	20-350μl
Probe	Teflon coating, with anti-collision function, liquid level detection function
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	Refrigerated tray with independent switch
Temperature Control	37+0.2℃, real-time monitoring
Cuvettes	48 reusable cuvettes, optical length 6mm
Mixer probe	Independent stirring
Washing	Automatic cuvettes washing
STAT function	Yes
Light Source	6V/10W halogen lamp
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800 nm
Absorbance	0-3.0Abs
Calibration	Linear:K factor, 1-point ,2-point and multipoint linear Non-Linear:Spline,Polygon, Index, Ogarithm, Logit-4P, Logit-5P

Quality Control	Real-time QC, Westgard multi rule, Cumulative Sum Check,Twin Plot (2D)
Software	Windows 7/8/10 , 32 or 64bit
LIS System	Bi-direction, support HL7 protocol
Interface	LAN port access
Power Supply	AC220V±10%,50/60Hz, 110V±10%,60Hz, 300W
Temperature	15~30℃
Water Consumption	Deionized water:□5L/H
Humidity	40-85%
External Size (W x D x H)	625 x 425 x 460 mm
Net weight	36 kg
Package Size (W x D x H)	730 x 530 x 880 mm
Gross Weight	55 kg

Features

- Designed with uninterrupted workflow
- Probe with anti-collision and liquid-level detection function
- Refrigerated tray with independent switch and 24-hour cooling system
- Mixer probe having Teflon coating to avoid cross-contamination
- It has intelligent software
- Independent 3-step washing through washing probe
- Robust testing capabilities
- Efficient reagent and consumable use
- Simplify operations with user-friendly graphical user interface design and touch-screen monitor

Applications

- Automatic biochemistry analyzer used in many biology and histopathology laboratories to extract the serum, plasma, urine or any other body fluid, Research institutes etc.

Optional Accessories

- Printer

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